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Amendments to the Claims

A detailed list of all claims under examination is set out below. Please amend claims 26 and 42 – 44 as shown below in marked form:

- 1. (withdrawn): A device comprising:
 - a) a rotating support having a surface, the surface at least partially covered with a removable substrate of limited length;
 - at least one pick-and-place roll that is nipped against the substrate on the support and whose period of rotation is not equal to the period of rotation of the support;
 - a coating applicator for applying a quantity of coating liquid to the substrate or to the pick-and-place roll; and
 - d) a motion device that rotates the support and substrate for a plurality of revolutions whereby wetted surface portions of the pick-and-place roll repeatedly contact the substrate.
- 2. (withdrawn): A device according to claim 1 comprising at least two pick-and-place rolls.
- 3. (withdrawn): A device according to claim 2 wherein the pick-and-place rolls do not have the same period of rotation.
- 4. (withdrawn): A device according to claim 2 wherein the pick-and-place rolls have the same period of rotation.
- (withdrawn): A device according to claim 1 wherein the period of rotation of a
 pick-and-place roll can be dynamically changed during operation of the device to
 reduce or minimize coating defects.
- 6. (withdrawn): A device according to claim 1 wherein a pick-and-place roll can be operated at a fixed or variable surface speed differential relative to the surface speed of the support.

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- 7. (withdrawn): A device according to claim 6 wherein the surface speed differential can be varied sinusoidally as the support is revolved.
- 8. (withdrawn): A device according to claim 1 wherein a pick-and-place roll has a period of rotation that is not periodically related to the period of rotation of the substrate.
- 9. (withdrawn): A device according to claim 8 wherein a period of rotation of the support or of a pick-and-place roll can be varied during operation of the device to reduce or minimize coating defects.
- 10. (withdrawn): A device according to claim 1 wherein the size or position of the support or of a pick-and-place roll can be varied during operation of the device to reduce or minimize coating defects.
- 11. (withdrawn): A device according to claim 1 wherein a pick-and-place roll has a dimensionless roll size between 0.02 to 0.195, 0.255 to 0.28, 0.34 to 0.36 and 0.44 to 0.48.
- 12. (withdrawn): A device according to claim 1 wherein the coating applicator applies a discontinuous coating.
- 13. (withdrawn): A device according to claim 1 wherein the coating applicator applies the coating as a pattern of stripes.
- 14. (withdrawn): A device according to claim 13 wherein the pattern has a dimensionless stripe width less than about 0.2.
- 15. (withdrawn): A device according to claim 13 wherein the pattern has a dimensionless stripe width between about 0.05 and about 0.15.
- 16. (withdrawn): A device according to claim 1 wherein the coating applicator applies the coating as a pattern of drops.
- 17. (withdrawn): A device according to claim 16 wherein the pattern is discontinuous.

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- 18. (withdrawn): A device according to claim 1 wherein the device converts a discontinuous coating to a continuous, void-free coating.
- 19. (withdrawn): A device according to claim 18 wherein the converted coating has a dimensionless minimum caliper greater than about 0.9.
- 20. (original): A method comprising:
 - a) providing a rotating support having a surface, the surface at least partially covered with a removable substrate of limited length and, in either order:
 - i) nipping the substrate between the support and at least one pick-and-place roll whose period of rotation is not equal to the period of rotation of the support; and
 - ii) applying a quantity of coating liquid to the substrate or to the pick-andplace roll; and
 - b) rotating the support and substrate for a plurality of revolutions whereby wetted surface portions of the pick-and-place roll repeatedly contact the substrate.
- 21. (original): A method according to claim 20 comprising at least two pick-and-place rolls.
- 22. (original): A method according to claim 21 wherein the pick-and-place rolls do not have the same period of rotation.
- 23. (original): A method according to claim 21 wherein the pick-and-place rolls have the same period of rotation.
- 24. (original): A method according to claim 20 wherein the period of rotation of a pick-and-place roll can be dynamically changed to reduce or minimize coating defects.
- 25. (original): A method according to claim 20 wherein a pick-and-place roll can be operated at a fixed or variable surface speed differential relative to the surface speed of the support.
- 26. (currently amended): A method according to claim 25 comprising:

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- a) providing a rotating support having a surface, the surface at least partially covered with a removable substrate of limited length and, in either order:
 - i) nipping the substrate between the support and at least one pick-andplace roll whose period of rotation is not equal to the period of rotation of the support; and
 - ii) applying a quantity of coating liquid to the substrate or to the pick-andplace roll; and
- b) rotating the support and substrate for a plurality of revolutions whereby wetted surface portions of the pick-and-place roll repeatedly contact the substrate,

wherein a pick-and-place roll can be operated at a variable surface speed differential relative to the surface speed of the support and the surface speed differential ean be is varied sinusoidally as the support is revolved.

- 27. (original): A method according to claim 20 wherein a pick-and-place roll has a period of rotation that is not periodically related to the period of rotation of the substrate.
- 28. (original): A method according to claim 27 wherein a period of rotation of the support or of a pick-and-place roll can be varied during operation of the device to reduce or minimize coating defects.
- 29. (original): A method according to claim 20 wherein the size or position of the support or of a pick-and-place roll can be varied to reduce or minimize coating defects.
- 30. (original): A method according to claim 20 wherein a pick-and-place roll has a dimensionless roll size between 0.02 to 0.195, 0.255 to 0.28, 0.34 to 0.36 and 0.44 to 0.48.
- 31. (original): A method according to claim 20 wherein the applied coating is discontinuous.

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- 32. (original): A method according to claim 20 wherein the applied coating is a pattern of stripes.
- 33. (original): A method according to claim 32 wherein the pattern has a dimensionless stripe width less than about 0.2.
- 34. (original): A method according to claim 32 wherein the pattern has a dimensionless stripe width between about 0.05 and about 0.15.
- 35. (original): A method according to claim 20 wherein the applied coating is a pattern of drops.
- 36. (original): A method according to claim 35 wherein the pattern is discontinuous.
- 37. (original): A method according to claim 20 wherein the applied coating is converted to a continuous, void-free coating.
- 38. (original): A method according to claim 37 wherein the converted coating has a dimensionless minimum caliper greater than about 0.9.
- 39. (original): A method according to claim 20 wherein the applied coating is converted to a void-free coating having an average caliper less than 5 micrometers.
- 40. (original): A method according to claim 20 wherein the applied coating is converted to a void-free coating having an average caliper less than 1 micrometer.
- 41. (original): A method according to claim 20 wherein the applied coating is converted to a void-free coating having an average caliper less than 0.5 micrometers.
- 42. (currently amended): A method according to claim 20 wherein the dimensionless stripe width and dimensionless roll size are within a white region depicted in Fig. 4 provide a dimensionless minimum coating caliper of 0.9 to 1.0.
- 43. (currently amended): A method according to claim 20 wherein there are at least two pick-and-place rolls and the dimensionless stripe width and dimensionless roll

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size are within a white region depicted in Fig. 11 provide a dimensionless minimum coating caliper of 0.9 to 1.0.

44. (currently amended): A method according to claim 20 wherein there are at least two pick-and-place rolls and the dimensionless stripe width and dimensionless roll size are within a white region depicted in Fig. 12 provide a dimensionless minimum coating caliper of 0.9 to 1.0.